



Rick Hance
Engineering Note

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Subject: Plotting from Windows NT to the Xerox 8830 Plotter on DAB 5

The Xerox 8830 Postscript/HPGL2 plotter on DAB 5 is served by a UNIX server rather than an NT server. This plotter prints up to E-size drawings and automatically accepts and prints postscript or HPGL2 files. Any NT workstation can be set up to print to this plotter by activating the "Microsoft TCP/IP Printing Service" on each workstation and then installing the Xerox 8830 printer driver.

Procedure:

1. To install the "Microsoft TCP/IP Printing Service on your NT workstation", use the following command sequence: (Note -- you must be logged in with administrator privileges)
 - a) **Start > Settings > Control Panel > Network > Services**
 - b) If "Microsoft TCP/IP Printing" is already listed, then skip to step 2. Else install the service with the following command sequence: **Add > Microsoft TCP/IP Printing**
 - c) If "Setup needs to copy some files", then you will either need an NT source disk in your CD drive, or you will need to get the needed files on to your hard drive so the setup program can find them. The files it needs can be found at **DZERO\d0server1\Apps\Windows NT 4.0\Lpr**. Copy the contents of this directory into a folder on your C: drive such as C:\Lpr, type the folder name in the setup dialog box, and continue with the setup program. You may delete these files when you have finished with this entire procedure.
 - d) Restart your computer.
2. Download into a temporary directory and unzip the Xerox Postscript printer driver from "<http://www.dmssupport.com/icat/printdriver.htm>". The Postscript driver is "**ntps40e.exe**".
3. To install the Xerox driver on your NT workstation and configure it to drive the plotter, use the following command sequence:
 - a) **Start > Settings > Printers > Add Printer > My Computer > Add Port > LPR port > New port**
 - b) For name of server, enter: **fnprt**
 - c) For name of printer, enter: **dab5x_plot**
 - d) Select **Close > Next** -- to proceed to the printer selection.
 - e) For the "Manufacturer" and "Printers" question, select "**Have Disk**".
 - f) For the "Copy manufacturers files from:" question, browse to the directory where you have downloaded and unzipped the Xerox drivers. It will find the "**Oemsetup.inf**" file. Select "open" and then "OK".
 - g) For the "Add Printer Wizard" question, this time, select "**XES 8830**".
 - h) Answer the rest of the questions as needed to finish. It will ask if you wish to print a test page. Answer "yes" and go to the DAB-5 plotter to fetch your test plot.
3. Your plotter driver is now ready to select with the "Print Setup" command inside any Windows NT application. No special manipulation of your file is necessary.
4. Follow steps 2 & 3 to download and install the Xerox HPGL/2 drivers if needed.